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Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	488-00066	Total Pages	47
First Named Inventor or Application Identifier			
Tomoki Inoue			
Express Mail Label No.	EV383667668US		

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **28**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **13**]
4. Oath or Declaration [Total Pages **3**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other: Certificate of Express Mail

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

18. CORRESPONDENCE ADDRESS

NAME	Joseph J. Jochman, Reg. No. 25,058				
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CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on January 30, 2004. The Express Label is EV383667668US.

Barbara A. Johnson
Name

January 30, 2004
Date

Barbara A. Johnson
Signature

1-30-04
Date

PTO/SB/17 (10/97) <div style="text-align: center;">FEE TRANSMITTAL</div>	<div style="text-align: center;">COMPLETE IF KNOWN</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td></td></tr> <tr><td>Filing Date</td><td>1/30/2004</td></tr> <tr><td>First Named Inventor</td><td>Tomoki Inoue</td></tr> <tr><td>Group Art Unit</td><td></td></tr> <tr><td>Examiner Name</td><td></td></tr> </table>	Application Number		Filing Date	1/30/2004	First Named Inventor	Tomoki Inoue	Group Art Unit		Examiner Name	
Application Number											
Filing Date	1/30/2004										
First Named Inventor	Tomoki Inoue										
Group Art Unit											
Examiner Name											
Total Amount of Payment (\$ 770.00)	Attorney Docket Number 488-00066										

METHOD OF PAYMENT (check one)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	
Deposit Account Number 01.2000	
Deposit Account Name Andrus, Scales, Starke & Sawall, LLP	
<input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)	

3. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other

FEE CALCULATION (fees effective 10/01/97)				
1. Filing Fee				
Large Entity Small Entity				
Fee Fee	Fee Fee	Fee Fee	Fee Fee	
Code (\$)	Code (\$)	Code (\$)	Code (\$)	
101 770	201 385	Utility filing fee		\$770
106 340	206 170	Design filing fee		
107 530	207 265	Plant filing fee		
108 770	208 385	Reissue filing fee		
114 160	214 80	Provisional filing fee		
SUBTOTAL (1)				(\$ 770.00)

2. Claims				
		Extra	Fee from below	Fee Paid
Total claims <u>4-20=0</u> X <u> </u> = <u> </u>				
Independent <u>1-3=0</u> X <u> </u> = <u> </u>				
Claims				
Multiple Dependent <u> </u> X <u> </u> = <u> </u>				
Claims				
Large Entity Small Entity Fee				
Fee Fee	Fee Fee	Fee Fee	Description	
Code (\$)	Code (\$)	Code (\$)		
103 18	203 9	Claims in excess of 20		
102 78	202 39	Independent claims in excess of 3		
104 270	204 135	Multiple dependent claim		
109 82	209 41	Reissue independent claims over original patent		
110 22	210 11	Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)				(\$ 0)

FEE CALCULATION (continued)				
2. Additional Fees				
Large Entity Small Entity				
Fee Fee	Fee Fee	Fee Description	Fee Paid	
Code (\$)	Code (\$)			
105 130	205 65	Surcharge-late filing fee or oath		
127 50	227 25	Surcharge-late provisional filing fee or cover sheet		
139 130	139 130	Non-English specification		
147 2,520	147 2,520	For filing a request for reexamination		
112 920*	112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		
115 110	215 55	Extension for response within first month		
116 400	216 200	Extension for response within second month		
117 950	217 475	Extension for response within third month		
118 1,510	218 755	Extension for response within fourth month		
128 2,060	228 1,030	Extension for response within fifth month		
119 310	219 155	Notice of appeal		
120 310	220 155	Filing a brief in support of an appeal		
121 270	221 135	Request for oral hearing		
138 1,510	138 1,510	Petition to institute a public use proceeding		
140 110	240 55	Petition to revive unavoidably abandoned application		
141 1,320	241 660	Petition to revive unintentionally abandoned application		
142 1,320	242 660	Utility issue fee (or reissue)		
143 450	243 225	Design issue fee		
144 670	244 335	Plant issue fee		
122 130	122 130	Petitions to the Commissioner		
123 50	123 50	Petitions related to provisional applications		
126 240	126 240	Submission of Information Disclosure Statement		
581 40	581 40	Recording each patent assignment per property (times number of properties)		
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))		
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))		
Other fee (specify) _____				
Other fee (specify) _____				
SUBTOTAL (3)				(\$ 0)
*Reduced by Basic Filing Fee Paid				

SUBMITTED BY		COMPLETE (if applicable)	
Type or Printed name	Joseph J. Jochman Andrus, Scales, Starke & Sawall, LLP	Registration Number	25,058
Signature		Date	1/30/2004
		Deposit Account User ID	